

IL'INSKIY, B.V.

Combined boiler and water heater. Prom.energ. 12 no.2;12-13
y '57. (MLRA 10:3)
(Water heaters) (Boilers)

Ilin'skiy, B.V.

94-1-21/24

AUTHOR: Ilin'skiy, B.V., Engineer.

TITLE: Boilers Should be Delivered Complete (Za komplektnuyu postavku kotla)

PERIODICAL: Promyshlennaya Energetika, 1958, Nr.1,
p. 39, (USSR)

ABSTRACT: A number of special tools are required for the erection and repair of boilers, and it is high time that Soviet boiler manufacturers started delivering such tools with the boilers, as foreign manufacturers do.

AVAILABLE: Library of Congress
Card 1/1

AUTHOR: Il'inskiy, B. V., Engineer

94-13-7-20/25

TITLE: The Need to Revise the Instructions for the Erection of
2-drum Steam Boilers Type DKV (O neobkhodimosti
pererabotki instruktsii po montazhu dvukhbarabannikh
parovykh kotlov DKV)

PERIODICAL: Promyshlennaya Energetika, 1958, Vol 13, Nr 7, p 37(USSR)

ABSTRACT: The erection instruments for type DKV boilers reveal considerable laxity on the part of the manufacturers. For example, instructions are given for correcting tubes that are not of the right length or that require annealing. In one boiler it was necessary to anneal 1200 tube ends under rather difficult field conditions. The erection instructions describe other operations that may have to be carried out in the field if they have not been correctly performed at the factory.

Card 1/1 1. Boilers - Installation

IL'INSKIY, B.V., inzh.

Heat control in production is the basis of the battle for fuel
economy. Masl.-zhir. prom. 24 no.4:35 '58. (MIRA 11:5)

1. Kazanskiy tekhnikum zhirovoy promyshlennosti.
(Heat engineering)

IL'INSKIY, B.V. (Kazan')

Simplified removable safety device for low-pressure steam boilers.
Vod. i san.tekh. no.1:37-38 Ja '59. (MIRA 12:1)
(Boilers)

CH

Lipids in the blood of healthy individuals and atherosclerotic patients. I. Blood lipids of healthy individuals in relation to nourishment, constitution and age. B. V. Il'inski, Akad. Med. (U. S. S. R.) 18, No. 1, 25-79 (1940).—The lipid content of the blood of 81 individuals ranging in age from 14 to 77 years was studied. Under normal conditions the values for neutral fat (100-300 mg. %), cholesterol (total 150-300 mg. % free 30-100 mg. %, combined 100-220 mg. %), cholesterol esters and phospholipids (lecithin: cholesterol ratio 0.33-1.0) underwent considerable variation. Further expts. with variations in the diet showed that healthy individuals of hyperthyroid constitution 40-50 years of age were especially inclined to develop atherosclerosis on a diet rich in lipoids. II. Lipodema in atherosclerotic patients with pronounced symptoms of circulatory insufficiency and with myocardial infarcts. Ibid. 67, 77.—Blood tests on 122 atherosclerotic patients with hypertension and definite symptoms of circulatory insufficiency gave low values for cholesterol and for lecithin which were the result of resorption disturbances in the intestine and of venous stases in the various organs.

Cases of myocardial infarct showed similar disturbance of the lipid metabolism, which, however, disappeared in 1-3 months. Because of the great variations shown in the lipid values it was not possible to study the atherosclerotic lipid metabolism in patients with circulatory disorders and cardiac infarcts. III. Blood lipids in patients having atherosclerosis. Ibid. 28, 49.—The lipid content of the blood was determined for 11 cases of uncomplicated atherosclerosis, 26 cases in which the condition was complicated with essential hypertension and 17 in which atherosclerosis was also present (without symptoms of insufficiency on the part of the heart or circulation). In all cases the cholesterol content of the blood was appreciably increased while the neutral fat and the lecithin values were slightly higher than normal. Just as with healthy individuals the lipid metabolism was dependent upon endocrine and exogenous factors such as age, constitution and nutrition. Conclusion: There is a relation between the cholesterol level of the blood and the presence or absence of atherosclerotic changes in the arteries. Through Chem. Zentr. 1940, I, 353. M. G. Moore

ASA-SL4 METALLURGICAL LITERATURE CLASSIFICATION

EBOOK STYLIZED

EBOOK STYLIZED

ILINSKIY, B. V.

"The "Effect of Nutrition Lacking in Cholesterin Upon the Concentration Lipids
in the Blood in Arteriosclerosis Cases," Klin. med., 27, No.7, 1949

IL'INSKIY, B. V.

Diagnosis of atherosclerosis. Ter. arkh., Moskva 23 no.5:39-40
Sept-Oct 1951. (OIML 21:1)

1. Of the Scientific Group (Head -- Active Member of the Academy of Medical Sciences USSR Prof. G. P. Lang, deceased), Academy of Medical Sciences USSR, and of the Clinic-Physiological Department (Head -- Active Member of the Academy of Medical Sciences Prof. M. V. Chernorutskiy), Institute of Physiology imeni I. P. Pavlov (Director -- Academician K. M. Bykov) of the Academy of Sciences USSR.

IL'INSKIY, B.V.; KISELEVA, T.S.

Results of application of oxymeter in clinical internal diseases;
preliminary communication, Ter. arkh., Moscow 24 no.4:45-52 July-Aug
1952.
(CML 2):2)

1. Of the Hospital Therapeutic Clinic of First Leningrad Medical Institute
imeni I. P. Pavlov and of the Therapeutic Sector -- (Head -- Prof. M. V.
Chernorutskiy, Active Member AMN USSR), Institute of Physiology imeni
I. P. Pavlov (Director -- Academician E. M. Bykov) of the Academy of
Sciences USSR.

USSR/Medicine - Atherosclerosis

May 11

"The Most Important Clinical Aspects of Atherosclerosis," B. V. Il'inskiy (Leningrad), Therapeutic Dept Inst of Physiol im I. P. Pavlov, Acad Sci USSR

Klin Med, Vol 31, No 5, pp 15-25

Denounces the "false concept of foreign science" in classifying atherosclerosis as a disease of old age. Lauds the Soviet identification of atherosclerosis as a disorder in the metabolism process, which under certain conditions may be reversed. States that the Inst of Nutrition, Acad Med Sci USSR, is working on a specific diet for the prevention of this disease.

R63T55

A. L. Myasnikov advocates addition of choline, methionine, yeast, etc. to food rich in vitamin C content.

IL'INSKIY, Boris Vyacheslavovich.

Academic degree of Doctor of Medical Sciences, based on his defense, 3 December 1954, in the Council of the Inst of Physiology imeni Pavlov, Acad Sci USSR, of his dissertation entitled: "Materials on the Etiology, Pathogenesis, and Clinic of Atherosclerosis."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 12, 28 May 55, Byulleten' MVO SSSR, No. 15, Aug 56, Moscow, pp. 5-24, Uncl. JPRS/NY-537

IL'INSKIY B.V.

Pathogenic interpretation in differential diagnosis of angina pectoris. Trudy Inst. fisiol. 3:335-348 '54. (MLRA 8:2)

1. Fakul'tetskaya terapevcheskaya klinika 1-go Leningradskogo meditsinskogo instituta. Zaveduyushchiy G.F.Lang i terapevcheskiy sektor, zaveduyushchiy M.V.Chernorutskiy.
(ANGINA PECTORIS, differential diagnosis)

IL'INSKIY, B.V.

IL'INSKIY, B.V.

Comparative investigations on vascular reactions in hypertension
and peptic ulcer. Trudy Inst. fisiol. 3:428-446 '54 (MIRA 8:2)

1. Terapevticheskiy sektor. Zaveduyushchiy M.V.Chernorutskiy.
(REFLEX, CONDITIONED,
 vasc., in hypertension & peptic ulcer, comparison)
(BLOOD VESSELS, physiology,
 reflex, conditioned, in hypertension & peptic ulcer,
 comparison)
(HYPERTENSION, physiology,
 vasc. conditioned reflex, comparison with vasc. reactions
 in peptic ulcer)
(PEPTIC ULCER, physiology,
 vasc. conditioned reflex, comparison with vasc. reactions
 in hypertension)

IL' INESKIY, B.V., starshiy nauchnyy eotrudnik.

The nervous system and internal diseases. Nauka i zhizn' 21 no.1:
27-30 Ja '54. (MLR 7:1)

1. Institut fisiologii imeni I.P.Pavlova Akademii nauk SSSR,
(Diseases) (Nervous system)

IL'INSKIY, B.V. (Leningrad)

Significance of G.F.Lang's works in the field of pathology of the circulatory system, on the occasion of the fifth anniversary of G.F.Lang's death. Klin.med. 32 no.1:13-23 Ja '54. (MLRA 7:4)
(Lang, Georgii Fedorovich, 1875-) (Cardiovascular system-- Diseases)

IL'INISKIY, B.V.; SEDENOVA, N.P.

Therapeutic nutrition in atherosclerosis. Sov.med. 20 no.6;15-22
'56. (MLRA 9:9)

1. Iz terapevcheskogo sektora (sav. deystvitel'nyy chlen Akademii
meditsinskikh nauk SSSR prof. M.V.Chernerutskii) Instituta fisiologii
imeni I.P.Pavlova (dir. akad. K.M.Bykov) Akademii nauk SSSR i
klinicheskogo sanatoriya bolezney organov pishchevareniya (glavnyy
vrach A.S.Shcherbina) VTSSPG.

(ARTERIOSCLEROSIS, therapy,

diets (Eng))

(DIETS, in various diseases,
arteriosclerosis (Eng))

IL'INSKIT, B.V.

Unconditioned and conditioned vascular reactions in peptic ulcer
and their relation to the course of disease. Terap. arkh. 28 no.1:
18-25 ' 56
(MIRA 9:6)

1. Iz gospital'noy terapeuticheskoy kliniki i Leningradskogo
meditsinskogo instituta i terapeuticheskogo sektora (sov.-deystvital'nyy
chlen AMN SSSR prof. M.V. Chernorutskiy) Instituta fiziologii imeni
I.P. Pavlova AN SSSR.

(PEPTIC ULCER, physiology
blood vessels, conditioned & unconditioned reactions (Rus))
(BLOOD VESSELS, in various diseases,
peptic ulcer, conditioned & unconditioned reactions (Rus))
(REFLEX, CONDITIONED,
vasc. in peptic ulcer (Rus))
(REFLEX,
unconditioned vasc. in peptic ulcer (Rus))

GESSE, M.I. [deceased]; IL'INSKIY, B.V.

Data on the etiology of atherosclerosis. Terap.arkh. 28 no.6:17-27
'56. (MLRA 9:11)

1. Iz Fakul'tetskoy terapevcheskoy kliniki (zav. - deyatel'nyy chlen AMN SSSR prof. G.P. Lang [deceased]) i Leningradskogo meditsinskogo instituta imeni I.P. Pavlova i iz otdela patologicheskoy anatomii (zav. - akademik N.N. Anichkov) Instituta eksperimental'noy meditsiny AMN SSSR.

(ATHEROSCLEROSIS, etiology and pathogenesis,
(Rus))

IL'INSKIY, B.V. (Leningrad)

Pathogenesis of atherosclerosis. Klin.med. 34 no.4:13-22 Ap '56,
(MLRA 10:1)
1. Iz fakul'tetskoy terapevicheskoy kliniki (nav. - deystvitel'-nyy chlen AMN SSSR prof. G.P.Lang) I Leningradskogo meditsinskogo instituta imeni I.P.Pavlova i terapevicheskogo sektora (nav. - deystvitel'nyy chlen AMN SSSR prof. N.V.Chernorutskiy) Instituta fiziologii imeni I.P.Pavlova (dir. - akad. K.M.Bykov) Akademii nauk SSSR.

(ATHEROSCLEROSIS, etiology and pathogenesis.
(Bns))

IL' INSKIY, B.V. (Leningrad)

Principles of prevention and therapy of atherosclerosis. Klin.med.
34 no.5:19-27 My '56. (MLRA 9:10)

1. Iz terapevcheskogo sektora (zav. deyatel'nyy chlen AMN
SSSR prof. M.V.Chernorutskii) Instituta fisiologii imeni I.P.
Pavlova (dir. - akad. K.M.Bykov) Akademii nauk SSSR.
(ARTERIOSCLEROSIS,
prev. & ther. (Rus))

14-12-14 D. H.
LINSKY, N.V.

Unconditioned and conditioned vascular reactions in angina pectoris
(with summary in English). Zhur.vys.nerv.dielat. 7 no.2:231-240
My-Au '57.
(SLA 1019)

1. Gosпитальная терапевтическая клиника и Ленинградского медико-
технического института им. И.П.Павлова и терапевтический центр Инсти-
тута физиологии им. И.П.Павлова АН СССР.

(ANGINA PECTORIS, physiol.

unconditioned & conditioned vasc. reactions)

(REFLEX, CONDITIONED,

vasc. reactions in angina pectoris)

(BLOOD VESSELS, physiol.

unconditioned & conditioned reactions in angina pectoris)

IL'INSKIY, B.V.; IANG-BELOMOGOVA, N.S.

Significance of the study of conditioned and unconditioned vascular reflexes for establishing the type of the higher nervous activity in the clinic of internal diseases. Trudy Inst. fisiol. 7:122-127 '58.
(MIRA 12:3)

1. Terapevticheskiy sektor (zav. - M.V. Chernorutskiy). Instituta fisiologii im. I.P. Pavlova AN SSSR.
(PLETHYSMOGRAPHY) (REFLEXES)
(NERVOUS SYSTEM)

IL'INSKIY, B.V., prof. (Leningrad)

Modern concepts of atherosclerosis. Terap.arkh. 30 no.6:11-20 Je '58
(MIR 11:7)

(ARTERIOSCLEROSIS.
review (Rus))

IL'INSKIY, B.V., prof. (Leningrad)

Role of cholesterol in the body. Zdorov'e 5 no.5:4-5 My
'59. (MIRA 12:11)
(CHOLESTEROL)

IL'INSKIY, B.V.

Role of the nervous system in the origin and course of atherosclerosis. Trudy Inst. fisiol. 8:464-475 '59. (MIRA 13:5)

1. Terapevcheskiy sektor (zavedyushchiy - B.V. Il'inskiy)
Instituta fiziologii im. I.P. Pavlova AN SSSR.
(ARTERIOSCLEROSIS) (NERVOUS SYSTEM)

IL'INSKIY, Boris Vyacheslavovich

[Atherosclerosis; problems in etiology and pathogenesis and their application to the clinical aspects] Ateroskleroz; voprosy etiologii i patogeneza i prilozhenie ikh k klinike. Leningrad, Medgiz, 1960.
332 p.

(MIRA 14:8)

(ARTERIOSCLEROSIS)

JANETTE, A. (Dr.)

AND J. TROXELL, E. V. WICHMAN

"The Nervous System and Atherosclerosis. Observations Clinical and Experimental."

report submitted for the IV Intl. Congress of Clinical Pathology, Madrid, Spain,
13-17 Jun 1960

Abstract: The authors state that the lipid metabolism probably is regulated by the hypothalamus. They also believe that the nervous regulation of liver function might have an effect. These bits of information would fit in with the apparently increasing notion that coronary sclerosis may be related to stress which may be partially manifested by stresses affecting the CNS or vegetative centers.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510018-1

IL'INSKIY, B.V., prof. (Leningrad)

Atherosclerosis. Med.sestra 19 no.2:6-13 P '60.

(MIRA 13:5)

(ATHEROSCLEROSIS)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510018-1"

GANELINA, I.Ye.; IL'INSKIY, B.V.

Nervous system and arteriosclerosis. Arkh. pat., 22 no. 11:5-13
'60. (MIRA 14:1)
(ARTERIOSCLEROSIS) (NERVOUS SYSTEM)

IL'INSKIY, B.V.

Premorbid functional state of the central nervous system in patients
with coronary sclerosis with signs of angina pectoris. Terap. arkh.
32 no. 4:3-8 S '60. (MIRA 14:1)
(CORONARY HEART DISEASE)

IL'INSKIY, B.V. (Leningrad)

Role of nutrition in the etiology and therapy of atherosclerosis.
Orv.hetil. 101 no.48:1693-1696 27 N'60.

(ARTERIOSCLEROSIS nutrition & diets)

64
GAVELINA, Ye., ILINICKI Y.

"Reactivite des vaisseaux dans l'hypercholesterolemie et
l'anthetoscierose"

Report submitted for the fourth Intl. Congress of Angiology
Prague, Czech, 3-9 Sep 61

ILINSKAYA, B.V.; GANELINA, I.E.

Vascular reactivity in hypercholesterolaemia and atherosclerosis.
Cor vasa 4 no.4:271-280 '62.

1. IIIrd Department of Internal Medicine, State Institute for Postgraduate
Medicine and the Department of Internal Medicine of the Pavlov Institute
of Physiology, Academy of Sciences, Leningrad.

(HYPERCHOLESTEREMIA) (ARTERIOSCLEROSIS)
(PLETHYSMOGRAPHY)

GANELINA, Irina Yefimovna, doktor med. nauk; IL'INSKIY, B.V., prof.,
otv.red.; GOL'DANSKAYA, M.I., red.izd-va; KONDRAVIT'YEVA, M.N.,
tekhn. red.

[Interoceptive effects from the gastrointestinal tract on the
heart] Interotseptivnye vliianiia s zheludochno-kishechnogo
trakta na serdtse. Moskva, Izd-vo Akad. nauk SSSR, 1963. 177 p.
(MIRA 16:2)

(ALIMENTARY CANAL—INNERVATION)
(CARDIOVASCULAR SYSTEM—DISEASES)

IL'INSKIY, B.V.; BORISOVA, L.I.; KARLOVA, N.P.; KOMAROVA, I.N.;
KRIVORUCHENKO, I.V.; PETROVA, N.P.

Characteristics of the biochemistry of the blood in
atherosclerosis. Trudy Inst. klin. i eksper. kard. AN Gruz.
SSR 8:35-44 '63. (NORA 17:7)

1. Iz III terapevticheskoy kafedry Gruzinskogo instituta dlya
usovershenstvovaniya vrachey i gruppy po aterosklerozu Instituta
fiziologii imeni Pavlova AN SSSR, Leningrad.

VAL'DMAN, V.A., zasl. deyatel' nauki RSFSR, prof.; ZAMYSLOVA, K.N., prof.; IL'INSKIY, B.V., prof.; KURSHAKOV, N.A.; LUKOMSKIY, P.Ye., prof.; MYASNIKOV, A.L., prof.; MOLCHANOV, N.B., prof.; RAYEVSKAYA, G.A., prof.; TEODORI, M.I., kand. med. nauk; CHERNOGOROV, I.A., prof.; TAREYEV, Ye.M., prof., otd. red.; OSTROVERKHOV, G.Ye., prof., glav. red.; SHAPIRO, Ya.Ye., prof., red. toma; LYUDKOVSKAYA, N.I., tekhn. red.

[Multivolume manual on internal diseases] Mnogotomnoe rukovodstvo po vnutrennim bolezniam. Otv. red. E.M.Tareev. Moskva, Izd-vo "Meditina." Vol.2. [Diseases of the cardiovascular system] Bolezni serdechno-sosudistoi sistemy. Red. toma A.L. Miasnikov. 1964. 614 p. (MIRA 17:3)

1. Deystvitel'nyy chlen AMN SSSR (for Tareyev, Myasnikov, Lukomskiy, Molchanov). 2. Chlen-korrespondent AMN SSSR (for Kurshakov).

IL'INSKIY, B.Yu.; IUMYEVSKIY, M.M.; SIMEBRYUKHOV, N.V.; ZORIN, S.V.,
red.; KLEYNMAN, M.R., tekhn.red.

[Safety regulations in the blast-furnace process] Pravila
bezopasnosti v domennom proizvodstve. Moskva, Gos. nauchno-
tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960.
87 p. (MIRA 13:7)

1. Soyus rabochikh metallurgicheskoy promyshlennosti. SSSR.
Tsentral'nyy komitet.
(Blast furnaces--Safety measures)

IL'INSKIY, D.

Izuchenie ekonomiki obsluzhivaemykh dorogoi raiionov. [The study of the economy of regions in the servicing zone of a railroad]. (Zhel-dor. transport, 1944, no. 1, p. 60).

DLC:HB 7.25

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington 1952, Unclassified.

IL'INSKII, D. and BEGLAR'IAN, P.

Ratsionalizatsia perevozok stroitel'stykh materialov. /Nationalization of transportation of building material/. (Zhel-dor. transport, 1945, no. 8/9, p. 38-41). Discusses the development during the war.

DLC: HE7.25

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified.

Il'inskiy, D. A.
USSR/Medicine - Physiology

FD-932

Card 1/1 Pub 33-15/29

Author : Il'inskiy, D. A.
Title : Air plethysmograph with optical recorder
Periodical : Fiziol. zhur. 40, 349-351, May/Jun 1954
Abstract : Air plethysmograph is superior in many respects to one filled with water; it is simpler in structure and can be handled more easily. The important component of the air plethysmograph is the optical recording capsule. This instrument has been used successfully in examining vascular reflexes in healthy people and in those people who are ill with endarteritis obliterans. Schematic drawing of optical recording capsule is presented. Diagrams. One non-Soviet and five Soviet references.
Institution : Military Medical Academy imeni S. M. Kirov
Submitted : June 16, 1953

IL'INSKIY, D.A., KUZNETSOV, V.I. (Leningrad)

Method for determining certain hemodynamic indicators dogs in
chronic experiments. Fisiol.shur. 44 no.6:586-589 Je '58 (MIHA 11:7)

(BLOOD PRESSURE, determination,
in dogs in chronic exper. (Bus))
(PULSE, determination,
same (Bus))

IL'INSKIY, D.A.

Pneumoplethysmograph for animals. Fiziol. zhur. 44 no.12:1161-1163
D'58 (MIRA 12:1)

1. Nauchno-issledovatel'skaya laboratoriya No.1 Voenno-meditsinskoy
orden'a Lenina akademii im. S.M. Kirova.
(PLETHYSMOGRAPHY, appar. & instruments,
pneumoplethysmograph for animals (Rus))

IL'INSKIY, D.A.

Graphic registration of salivation in dogs. Fiziol. zhur. 45
no.6:729-731 Je '59. (MLA 12:8)

1. From the research laboratory, S.M.Kirov Military Medical
Academy, Leningrad.
(SALIVATION

graphic registration in dogs (Rus))

IL'INSKIY, D.A. (Leningrad)

Review of G.I. Mcchedlishvili's book "Capillary blood circulation."
Fiziol. zhur. 46 no.1:133-134 Ja '60. (MIRA 13:5)
(CAPILLARIES)

IL'INSKII, D.A.

Artificial respiration apparatus for small animals. Fiziol. zhur.
46 no.6:757-758 Je '60. (MIRA 13:3)

1. From the Kirov Academy of Military Medicine, Leningrad.
(RESPIRATORS)

272400

40651

AUTHOR:

Il'inskiy, D. A.

S/247/62/012/003/003/003

I015/I215

TITLE:

The change in vasomotor and secretory conditioned and unconditioned reflexes during acute radiation sickness

PERIODICAL:

Zhurnal vysshey deyatel'nosti v. 12, no. 3, 1962, 521-529

TEXT: The regulation of the vascular tonus as a function of the general condition of CNS during acute radiation sickness has not been sufficiently studied. The reflex reactions were studied by recording of the plethysmographical changes in the vascular lumen of the marginal vein of the ear and by measuring the saliva secretion from the parotid gland in dogs. An unconditioned stimulus in the form of a 0.25% HCl solution sprayed into the mouth cavity, produced vascular constriction and saliva secretion. Four female dogs were subjected to a simultaneous bilateral irradiation from two PYM-3 (RUM-3) units. The dose was 500 r at 6.3 r/min. The conditioned and unconditioned vascular and secretory reflexes were altered phasically and in a similar manner with the progress of radiation sickness. CNS was affected on both cortical and subcortical levels, especially in severe cases. At the terminal stage of the sickness a diffuse suppression of CNS activity was observed. The pathogenesis of the general vascular disorders in radiation sickness originates to a great extent from the functional disorders of the higher levels of CNS. There are 3 figures and 1 table.

ASSOCIATION: Voyenno-meditsinskaya akademiya im. S. M. Kirova (Academy of Military Medicine im. S. M. Kirov)

SUBMITTED: December 17, 1960

Card 1/1

X

IL'INSKIY, D.A.

New method for determining venous tonus. Fiziol. zh. SSSR.
Sechenov 49 no.6:774-777 '63 (MIRA 17:1)

1. From the S.M.Kirov Military Medical Academy, Leningrad.

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statay. Moscow, Izd-vo Meditsina, 1964, 162-170

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510018-1"

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510018-1

ASSOCIATION: none

SUBMITTED: 19 Aug 54

ENCL: 00

SUB CODE: 1S

NO REF Sov. 003

OTHER: 014

Card 2/2 JU

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510018-1"

ZOLOTOV, V.I., inzh.; IL'INSKIY, D.Ya., inzh.; Pribimali uchastiye:
ALEKSANDROV, V.P., inzh.; SOLOV'YEV, S.S., inzh.; BADANINA,
A.I., kand.tekhn.nauk; FIRSOVA, K.A., kand.tekhn.nauk;
KOLOSOVA, G.I., mladshiy nauchnyy sotrudnik

Effect of the geometry of the screw on the conditions of the
extrusion of artificial leather. Nauch.-issl.trudy VNIIPIK
no.12:87-95 '60. (MIRA 16:2)
(Leather, Artificial)

IL'INSKIY, D.Ya., inzh.; KAPUSTIN, I.I., doktor tekhn. nauk, prof.

Design of an automatic vibrating feed bin for the transfer of individual parts. Izv. vys. ucheb. zav.; tekhn. leg. prom. no.5:147-162 '63. (MIRA 16:12)

1. Vsesoyuznyy zaochnyy institut tekstil'noy i legkoy promyshlennosti. Rekomendovana kafedroy proektirovaniya mashin i avtomatov.

IL'INSKIY, D.YA., aspirant; KAMSTIN, I.I., doktor tekhn. nauk, prof.

Output of normalized automatic bunker-type vibratory feeder. Itv.
vys. ucheb. zav.; mashonestr. no.1;145-150 '65. (MIRA 18:5)

1. Vsescuznyy zaochnyy institut tekstil'noy i legkoy promshlennosti.

IL'INSKIY, G.A.

Associations of slime minerals from alluvial beds of the Tosna
and Sablinka Rivers. Vest. Len. un. 11 no.24:37-42 '56.

(NIMA 1012)

(Tosna River--Mineralogy) (Sablinka River--Mineralogy)
(Alluvium)

AUTHOR:

Il'inskiy, G.A.

32-3-45/52

TITLE:

A Diagram for the Calculation of the Order of Microhardness Determined by the Pressing-In Method (Griflik dilya vychisleniya velichiny mikrovernosti, opredelyayemoy metodom vdashivaniya)

PERIODICAL:

Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 3, pp. 366-367 (USSR)

ABSTRACT:

For several years the diagram of the dependence of the order of microhardness on the dimension of the impression diagonal, i.e. the graduation number K of the ocular micrometer has been used for determining the microhardness on the device UMT-3 with stress being constant. It suffices to calculate the microhardness in kg/mm² for any stress in relation to different scale values (K) of the ocular micrometer, in which case the K-values are plotted on the abscissa and the microhardness values on the ordinate. The practical amount of microhardness is directly proportional to stress, so that the latter can be computed from the diagram by multiplication of the former. Making use of the aforementioned diagram permits an accelerated computation of microhardness in minerals and can be used for any stress. There is 1 figure, and

Card 1/2

A Diagram for the Calculation of the Order of
Microhardness Determined by the Pressing-In Method

32-3-45/52

1 reference, 1 of which is Slavic.

ASSOCIATION: Leningrad State University imeni A.A. Zhdanov (Leningradskiy
gosudarstvennyy universitet im. A.A. Zhdanova)

AVAILABLE: Library of Congress

1. Microhardness-Determination 2. Functions-Theory

Card 2/2

AUTHOR: Il'inskiy, G. A. SOV/20-121-3-40/47

TITLE: On Paramorphs of Calcite Upon Vaterite (O paramorfozakh kal'-tsita po fateritu)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 121, № 3, pp. 541 - 543 (USSR)

ABSTRACT: Apart from widespread calcite and aragonite a third polymorphous CaCO_3 modification is known. It is vaterite crystallizing in a hexagonal syngony. Artificially it is produced in small crystals (under 0,1 mm in size) together with calcite and aragonite from solutions which contain K_2CO_3 and CaCl_2 (Refs 2,4,8,9,12,13). The conditions are: alkaline medium and low temperature (5-20°). The artificially produced crystals are hexagonal, small platelets of flattened dipyramids. They may also be lenticular grains, radial snow flake-like aggregates, or skeleton forms. Artificial vaterite easily changes into calcite (more rarely into aragonite) in case of a pH-change in the medium. Hitherto vaterite has not been found in nature. In the carbonatites of the massive Vuori-Yarvi (North Karelia-Severnaya Kareliya) the author found crystals

Card 1/3

On Paramorphs of Calcite Upon Vaterite

SOV/20-121-3-40/47

which are similar to artificial vaterite. According to the author's opinion these carbonatites form during the post-magmatic stage as a result of a decisive change of pyroxites under the action of a later alkaline intrusion. Carbonatites consist of calcite with a small admixture of dolomite. They are described in detail. Different minerals were found in form of druses and brushes in cavities of a carbonatite vein. The white lenticular small crystals of vaterite were placed on all minerals. Upon vaterite only very small calcite spherolites were found. The tops of vaterite crystals are well faceted in the shape of a hexagonal pyramid with rectangular facets (Figs 1,2). Usually the lower facets are not so well developed and they have an uneven surface. It quite frequently occurs that crystals grow together and form column-like aggregates. They seldom reach more than 1 mm in diameter. Observed through the microscope they mainly consist of calcite. The crystal form, the characteristic features of separation, the composition etc. which are unusual for carbonates lead to the conclusion that the paramorphs mentioned in the title are concerned. Optically it was not possible to find vaterite relics. Spectra lines characteristic of vaterite were found in the Dobys crystallo-

Card 2/3

On Paramorphs of Calcite Upon Vaterite

SOV/20-121-3-40/47

gram (Refs 5-7,10). There are 3 figures, 1 table, and 13 references, 3 of which are Soviet.

ASSOCIATION: Leningradskiy gosudarstvennyy universitet im.A.A.Zhdanova
(Leningrad State University imeni A.A.Zhdanov)

PRESENTED: January 25, 1958, by D.I.Shcherbakov, Member, Academy of Sciences, USSR

SUBMITTED: March 21, 1958

Card 3/3

KOZYREVA, L.V.; IL'INSKIY, G.A.

Mineralogy of dolomite-calcite carbonatites in the Vuoriyarvi massif.
Mat.po min.Kol'.poluost. 1:69-76 '59. (MIRA 15:2)
(Vuoriyarvi region--Carbonatites)

IL'INSKIY, G. A.

Alterations of chromite in Paleozoic metamorphized conglomerates
of the western slope of the northern Urals. Vest. LGU 14 no. 6: 48-50
'59. (MIRA 12:6)

(Ural Mountains—Chromite)

SHIMKAREV, N.P.; IL'INSKIY, G.A.; PERCHUK, L.L.

Zardalek alkali complex (Alay Range). Zap. Vses. min. ob-na 89
no.1:26-36 '60. (MIRA 13:10)

1. Leningradskiy universitet i Kirgizskogo geologicheskogo
upravleniya.

(Alay Range--Petrology)

BULAKH, A.G.; IL'INSKIY, O.A.; KUKHARENKO, A.A.

Zirkelite from deposits of the Kola Peninsula. Zap. Vses. min. ob-va
89 no.3:261-273 '60. (MIM 13:8)
(Kola Peninsula--Zirkelite)

IL'INSKIY, O.A.; PLOTNIKOVA, M.I.; RASUMIKHIN, N.V.; RYUMIN, A.K.; SARSADSKIKH, N.N.; SVARICHESKAYA, Z.A., doktor geogr. nauk; IL'INA, M.Ye., red.; VODOLAGINA, S.D., tekhn. red.

[Fundamentals of placer deposit surveying] Osnovy poiskov rassypei; uchebnoe posobie. Leningrad, Izd-vo Leningr. univ., 1961. 122 p.
(MIRA 14:3)

1. Sotrudniki Leningradskogo gosudarstvennogo universiteta im. A.A. Zhdanova (for Il'inskiy, Rasumikhin, Ryumin, Svaricheskaya).

2. Sotрудники Всесоюзного геологического института. (for Sarsadskikh, Plotnikova)

(Ore deposits) (Geological survey)

VOLOTOVSKAYA, N.A.; IL'INSKIY, G.A.

Regarding L.S.Borodin's article "Perovskite formation in the
Vuoriyarvi massif." Geol. rud. mestorozh. no. 1:113-114 Ja-F '61.
(MIRA 14:1)

(Vuoriyarvi region--Perovskite) (Borodin, L.S.)

IL'INSKIY, G.A.

Crystallography of lodochnikite (brannerite group). Vest. LGU 16
no. 6:134-138 '61. (MERA 14:4)
(Brannerite—Crystallography)

IL'INSKIY, G.A.

Effect of radioactivity on the choloration of fluorite. Zap.
Vses.min.ob-va 91 no.5:613-615 '62. (MIRA 15:11)

1. Kafedra mineralogii Leningradskogo universiteta.
(Fluorite) (Radioactivity)

IL'INSKIY, G.A.

Hardness of micas from the Vuoriyarvi Massif. Mat. po
min. Kol'. poluost. 3:218-221 '62. (MIRA 17:3)

IL'INSKIY, G.A.; SKORYNINA, N.P., red.; ZHABKO, G.P., tekhn. red.

[Determining the microhardness of minerals by the impression method] Opredelenie mikrotverdosti mineralov metodom vdavlivaniia. Leningrad, Izd-vo Leningr. univ., 1963. 81 p.
(MIRA 17:1)

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510018-1

IL'INSKIY, G.A.; SHINKAREV, N.F.

Types of sodalite rocks in the Alay Range. Vop.magn.i metam. 2:216-
221 '64. (MIRA 18:3)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510018-1"

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510018-1

UL'YANOVA, T.P.; IL'INSKIY, G.A.

New data on the miserite of the Khodzhaachkan Massif (Alay Range).
Min. i geokhim. no.1:40-45 '64.
(NIRA 18:9)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510018-1"

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510018-1

IL'INSKY, G.A.

Pink clinozoisite from the skarns of the Zardalekskly Massif
in the Alay Range. Min. i geokhim. no.1:125-130 '64. (MIRA 18:9)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510018-1"

IL'INSKIY, G.A.; TURCHENKO, S.I.

"Wischnewite" from the alkali rocks of the Alay Range. Zap.
Vses. min. ob-va. 94 no.4:468-471 '65. (MIRA 18:9)

1. Kafedra mineralogii Leningradskogo universiteta.

EL T A S A I F G H

ARABADZHYAN, A.Z., kand.ekon.nauk; BADI, Sh.M., kand.ekon.nauk; BAROYAN, O.V., doktor med.nauk; RASHKHOV, A.V., kand.ekon.nauk; BUSHEV, P.P., kand. ist.nauk; DLUKHODZD, V.S.; DOROVNEYKVA, L.W., kand.filol.nauk; DORE-SHENKO, Ye.A., kand.ist.nauk; ZAVISTOVICH, A.A.; IVANOVA, M.N., kand. ist.nauk; IVANOV, M.S., doktor ist.nauk; ILYUSHEV, D.M., kand.ist. nauk; KISILYAKOV, N.A., doktor ist.nauk; KOMISSAROV, D.S., kand.filol. nauk; KURDOYEV, K.K., kand.filol.nauk; MOISHKEV, P.P., kand.ekon. nauk; PAKHALINA, T.N., kand.filol.nauk; PETROV, M.F., doktor geograficheskikh nauk, prof.; PETROV, G.M., kand.ist.nauk; SOKOLOVA, V.S., doktor filol.nauk; TRUBETS'KAYA, V.V.; PARKHAD'KAN, A.I., kand.ist. nauk; SHOYTOV, A.M., kand.filol.nauk; ZAKHOD'ER, B.H., doktor istoricheskikh nauk, prof., otvetstvennyy red.; AKHRAMOVICH, R.T., kand. ist.nauk, red.; PALINA, A.I., kand.ist.nauk, red.; MUZHETSOVA, N.A., red. izd-va; SHVEMYKOVSKAYA, V.R., red. izd-va; PRUSAKOVA, T.A., tekhn. red.

[Present-day Iran; a manual] Sovremennyi Iran; spravochnik. Moskva,
(MIRA 11:2)
1957. 715 p.

1. Akademiya nauk SSSR. Institut vostokovedeniya.
(Iran)

L 36863-66

ACC NR: AP6024524

SOURCE CODE: UR/0243/66/000/006/002B/0032

33

43

AUTHOR: Il'inskiy, G. V.ORG: SKTB "Biofizpribor," LeningradTITLE: Weak-current modes in transistorized electromedical devices

22

SOURCE: Meditsinskaya promyshlennost' SSSR, no. 6, 1966, 28-32

TOPIC TAGS: transistorized amplifier, medical laboratory instrument, biosensor

ABSTRACT: The high impedance and low output typical of biomedical sensors, together with their requirement of high reliability, have led the author to seek optimal modes of junction transistor operation in biomedical circuits. The best approach has proved to be operating the transistor at very reduced voltage and current levels, for which modes the author claims very little data has been published. Tests were made on several transistor types in which the ranges of collector voltage and collector current were respectively 0.5-10v and 20-100 μ a. Within these limits the author has tabulated gains of three types of junction transistor, identified as typically having high, medium and low values of β . The advantages noted when operating in the reduced mode include the following: 1) higher input impedance; 2) improved temperature stability; 3) effects of transistor noise are reduced; 4) effects of emitter

Card 1/2

UDC: 615.471:621.382.3

L 50003-66

ACC NR: AP6024524

voltage and current on β can compensate each other; 5) a wider spread in operating characteristics among transistors of the same type can be tolerated. Orig. art. has:
3 formulas and 3 tables.

[SH]

SUB CODE: 06,09/ SUBM DATE: 15Jan66/ ORIG REF: 006/ OTH REF: 001/ ATD PRESS:
5040

me
Card 2/2

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510018-1

IL'INSKIY, i. (Engr-it Soi)

"Study of the Temperature Field of Cone-Shaped Bodies Under Conditions Imitating Aerodynamic Heat," report presented at the Ninth Scientific-Technical Conference, held at the Khar'kov Higher Aviation-Engineering Military School, Dec 1958.

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510018-1"

IL'INSKIY, I.A.

Character of absorption of parentally administered saline solutions
in experimental shock. Biul. eksp. biol. i med. no.2:21-23 F '61.
(MIRA 14:5)

1. Iz laboratorii patologicheskoy fiziologii Nauchno-issledovatel'skogo instituta skoroy pomoshchi imeni I.I.Dzhanelidze (dir. - dotsent S.N.Polikarpov), Leningrad. Predstavlena deyestvitel'nym chlenom AMN SSSR S.V.Anichkovym.

(SHOCK) (SOLUTIONS (PHARMACY))

IL'INSKIY, I.A. (Leningrad)

Absorption of glucose in the small intestine during shock. Pat.
fiziol. i eksp. terap. 5 no.4;64-65 Jl-Ag '61. (MIRA 14:9)

1. Iz laboratorii patofiziologii Nauchno-issledovatel'skogo instituta
skoroy pomoshchi imeni prof. I.I.Dzhanelidze (dir. - dotsent S.N.
Polikarpov).

(SHOCK) (INTESTINES) (GLUCOSE)

SELEZNEV, S.A.; IL'INSKIY, I.A.; KHRABROVA, O.P.

Hematological patterns in laboratory animals (cats and rabbits) and
principles of their formation. Fiziol.zhur. 47 no.5:650-654 My '61.
(MIRA 14:5)

1. From the Laboratory of Pathological Physiology, J.J.Djenalidze
Research Institute of First Aid, Leningrad.
(BLOOD) (VETERINARY PHYSIOLOGY)

IL'INSKIY, I.A.

Protein and protein fractions in the blood serum of normal cats.
Fiziol. zhur. 48 no. 3:335-336 Mr '62. (MIRA 15:4)

1. Laboratoriya patologicheskij fisiologii Nauchno-issledovatel'skogo
instituta skoroy pomoshchi imeni I.I.Dzhanelidze, Leningrad.
(BLOOD PROTEINS)

SELEZNEV, S.A.; IL'INSKIY, I.A.

Oxygen tension in the organs of cats during vivisection.
Fiziol. zhur. 49 no.9:1105-1108 S '63. (MIRA 17:12)

1. Laboratoriya patofiziologii Nauchno-issledovatel'skogo
instituta skoroy pomoshchi imeni I.I. Dzhanelidze, Leningrad.

SELEVNEV, S.A.; SMIRNOV, I.K.; IL'INSKIY, I.A.; KHEABROV, O.P.

Polyethylene vascular cannulas and their preparation. *Fiziol. zhur.* 50 no.5:643-644 My '64. (MIRA 18:2)

1. Laboratoriya patologicheskoy fiziologii Instituta skoroy pomoshchi imeni Dzhanelidze, Leningrad.

IL'INSKIY, I.A.

Polarographic method of determining the oxygen tension in the heart of cats without dissecting the thoracic cavity. Fisiol. zhir. 51 no.8:1025-1026 Ag '65.
(MIRA 18:7)

1. Laboratoriya patologicheskoy fisiologii Nauchnoissledovatel'skogo instituta skoroy pomoshchi imeni Dzhanelidze, Leningrad.

VALERY, I.

Subject : USSR/Medicine AID P - 3899
Card 1/2 Pub. 37 - 3/21
Authors : Il'inskiy, I. I., Scientific Worker, M. I. Zimina,
Chemist, I. M. Chebykin, Eng.
Title : Sanitary and hygienic evaluation of the performance
of AKKh (Academy of Municipal Economy, RSFSR)
filters.
Periodical : Gig. i. san., 12, 12-16, D 1955
Abstract : Deals with AKKh filters used for the purification of
water in water-supply installations of Buz-Su, Uzbek
SSR. Describes observations conducted in 1954 and
their results. The filtrate obtained by AKKh filters
satisfies the requirements of GOST (All-Union State
Standard) 2874-54. Tables, 2 refs.
Institution : Uzbek Scientific Research Sanitary Institute and

IL'INSKIY, I.I.

Problem of water supply in the reclamation of the Golodnaya
Steppe. Med.shur.Usb. no.11:73-75 II '58. (MIRA 13:6)

1. Iz Uzbekskogo nauchno-issledovatel'skogo sanitarno instituta
(direktor - dotsent A.Z. Zakhidov).
(GOLODNAYA STEPPE--WATER SUPPLY)

IL'INOVICH, I. I., ZAKHAROV, A. S., KUTYNEV, A. M., SEL'DOVICH, V. P.

"Drinking water supply of rural localities of Uzbekistan."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

IL'INSKIY, I.I. (Tashkent)

Water purification in rural areas. Vod.i san.tekh. no.6:
31-33 Je '60. (MIRA 13:6)
(Water---Purification)

IL'INSKIY, I.I., ispolnyayushchiy obyazannosti starshego nauchnogo
sotrudnika

Rural water supply in the Uzbek S.S.R. and measures for its
improvement. Med. zhur. Uzb. no. 9:25-28 S '60. (MIRA 13:10)

1. Iz Uzbekskogo nauchno-issledovatel'skogo instituta sanitarii,
gigiyeny i professional'nykh zabolеваний (direktor - dotsent
A.Z. Zakhidov).

(UZBEKISTAN--WATER SUPPLY, RURAL.)

IL'INSKIY, I. I., Cand. Med. Sci., -- (diss) "Rural water supply in Uzbek SSR
and measures to improve it," Tashkent, 1961, 20 pp, (Tashkent State Medical
Institute), 300 copies (KL-Supp 9-61, 190)

L 1916-64 EWT(1)/EWT(m)/EWA(b)-2

RO

ACCESSION NR: AP5020066

UR/0242/61/000/006/0077/0078

AUTHOR: Il'inskiy, I. I. (Candidate of medical sciences)

TITLE: Scientific symposium on toxicity and hygiene of chemical poisons used in agriculture

SOURCE: Meditskinskiy zhurnal Uzbekistana, no. 8, 1955, 71-78

TOPIC TAGS: scientific conference, agriculture, poison effect, toxicology, hygiene, agriculture science

ABSTRACT: This symposium took place at Tashkent December 15-17, 1964. Participants were scientists from various SSSR centers representing specialties such as medicine, pharmacology, chemistry, conservation, agronomy, veterinary science, and aviation. There were six sessions. The first session concerned hygiene, occupational diseases, and requirements for studies of toxicity of agricultural chemicals. The second was devoted to pesticides, particularly for vineyards and orchards, and residues from defoliants and desiccants used in cotton growing. During the third, reports were given on various toxic substances, in

Card 1/2

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ACCESSION NR: AP5020066

particular the toxicology of 15 preparations used in Uzbekistan. The fourth and fifth sessions were devoted to the avoidance of environmental contamination and 20 papers were read on contamination of soil, water plant, feed and food products in Uzbekistan. The question of organization of food inspection was discussed in this connection. The sixth session consisted of reports on methods of determining contamination in the outer medium, pathologic material, and the biosphere.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: LS

NR REF SOV: 000

OTHER: 000

Card 2/2

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510018-1

... of methods available for this purpose. Every agent has his own little shortcuts and manipulations. This is typical of many persons of high status.

... very much easier than the truth. He doesn't

... made up by the other members of the party as their party

b7c

APPROVED FOR RELEASE: 04/03/2001

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"APPROVED FOR RELEASE: 04/03/2001

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Journal of the American Mathematical Society
Volume 11 Number 1 January 1998

Editorial Staff

R. G. Langerhans (Editor-in-Chief)

Vol. 11 No. 1

Source: Mathematical Reviews

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510018-1"

IL'INSKIY, I. I.

USC/ASTRO - GRAM, CIRCUITON MARCH 53

"Modifications of the Simplest Method of Orbit Determination from Three Observations," I. I. Il'inskiy,
Sov. Astron Observ, State Univ 12 Stevchenko

Astron Zhur, Vol 30, No 6, pp 636-652

Attempts to simplify problem which he solved previously in this journal, Vol 23, p 367 (1946). He uses a method of first approximation, which gives satisfactory results, Rec 20 Feb 52.

IL'INOV, I. I.

Problem of Orbit Determination From Three Observations
Publikatsii kievsk. astronom. observ., No. 6, pp 45-65, 1954.

Instead of conventional geocentric distances, the ratio of areas swept by radii vectors is suggested to be considered as unknown. Interpolation and graphical methods are used for solution. As example, the computation of orbit elements of the minor planet Eros is presented. (RZhAstr, No 11, 1955).

SO: Sum No 812, 6 Feb 1956

IL'INSKIY, I.I.

Problems relative to the theory of total solar eclipses.
Publ. Kiev. astron. obser. no.7:3-11 '56.

(MLRA 9:12)

(Eclipses, Solar)

Il'inskiy, I. V.

14T56

USSR/Turbines - Rotors
Turbines, Steam - Failures

Mar 1947

"Temperature Sag of Steam Turbine Rotors," I. V.
Il'inskiy, 8 pp

"Kotloturbo" No 3

Gives results of experimental investigation of
temperature deformations of rotors caused by cooling
of the turbine when stopped and interfering with
prompt starting. Chiefly mathematical exposition,
with graphs and tables of operating data and cross
sections.

14T56

ILINSKII I. V.

ILIINSKII, I.

"Thermodistortion of steam-turbine rotors. Tr. from the Russian."

ENERGETIKA, Praha, Czechoslovakia, Vol. 5, no. 1, Jan. 1955

Monthly List of East European Accessions Index (EEAI), Library of Congress,
Vol. 8, No. 8, August 1959

Unclassified

IL'INSKIY, I. V.

Viscous Liquid and the Boundary Layer

Dissertation: "An Investigation of Nonstationary Heat-Exchange Processes, Causing Temperature Asymmetry and Deformations of Cylinders and Rotors of Turbodynamics." Dr Tech Sci (no institute affiliation given), 1953. (Referativnyy Zhurnal --- Mekhanika, Moscow, Mar 54)

SO: SUM 213, 20 Sep 1954

L 12893-63

BDS

ACCESSION NR: AP3000681

S/0096/63/100/0n4/0053/0057

50

AUTHOR: Il'inskiy, I. V. (Dr. of technical sciences); Parkushe, I. D. (Engineer)

TITLE: Temperature range in an air-cooled casing of a model for a 50,000-kwt
KhTGZ gas turbine

SOURCE: Teploenergetika, no. 6, 1963, 53-57

TOPIC TAGS: temperature field, gas turbine, cooled casing, computer

ABSTRACT: A half-scale model gas turbine EGT-2 designed at the Khar'kovskiy turbogeneratoryy zavod (Khar'kov Turbogenerator Plant) was used in studies of an experimental turbine GTU-50-800. The turbine EGT-2 had the following characteristics: gas temperature at front of turbine 800C; air pressure behind compressor 1.2-3.8 abs. atm.; rotary speed 2,500-11,200 rpm; diameter of turbine rotor 726 mm; length of turbine vane 122 mm. The temperatures at various points on the model casing were measured by thermocouples (see enclosures) and the field was calculated by computing equipment. Figure 2 (see enclosure) represents the temperature field with numbers at various points showing actual temperatures measured. It is concluded that an approximate analog of the temperature field of turbine walls may be obtained without maintaining the same value for $R_{\text{sub}} s$ (Reynolds number) in both.

Card 1/4